BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Improvements to Roads and Drain at HMT layout 1st Block, 2nd Block, 3rd Block and Surronding Areas in Ward No. 09 (Vidyaranyapura).

Estimated Cost : Rs. 80.00 Lakhs

Job Code: 009-20-000073

Head of Account : P-0541 Emergency Reserve Fund

Name of Agency: Sri. N.M. Shivakumar, No. 07, 2nd Block, Juganahalli, Rajajinagara, Bangalore - 560010.

Work order No: BBMP/EE/BTP/WO/204/2020-21 Dated: 04.03.2021.

Measurements Recarded on : 23.06.2021

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
1	**Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								Cum	
	Qty as per Premeasurement vide E-MB Page No. 01 to 03 is =							**703.80**	**207.00**	**145687.00**
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								Sqm	
	Qty as per Premeasurement vide E-MB Page No. 04 to 05 is =							**1863.00**	**111.00**	**206793.00**
	Measurements Recarded on :									
3	Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete								Sqm	
	HMT Layout 4th Cross 2nd Block									
	From 9th Main Road N/S	1	8.80			1.35		11.88		
		1	12.20			1.35		16.47		
		1	6.80			1.35		9.18		
		1	7.20			1.35		9.72		
		1	9.20			1.35		12.42		
	S/S	1	5.90			1.35		7.97		
		1	9.70			1.35		13.10		
		1	11.00			1.35		14.85		
		1	6.50			1.35		8.78		
		1	12.10			1.35		16.34		
		1	6.20			1.35		8.37		
	HMT Layout 3rd Cross 2nd Block									
	From 10th Main Road N/S	1	12.20			1.35		16.47		
		1	10.10			1.35		13.64		
		1	6.80			1.35		9.18		
		1	11.30			1.35		15.26		
		1	9.80			1.35		13.23		

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

196.83

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	S/S	1	8.90			1.35		12.02	196.83	
		1	9.70			1.35		13.10		
		1	10.40			1.35		14.04		
	HMT Layout 10th Main 2nd Block									
	From Ward Office Road E/S	1	11.20			1.35		15.12		
		1	12.80			1.35		17.28		
		1	8.90			1.35		12.02		
		1	11.30			1.35		15.26		
		1	11.90			1.35		16.07		
	W/S	1	7.80			1.35		10.53		
		1	9.10			1.35		12.29		
		1	12.80			1.35		17.28		
		1	8.90			1.35		12.02		
	HMT Layout 8th Main 2nd Block									
	From Ward Office Road E/S	1	12.00			1.35		16.20		
		1	11.90			1.35		16.07		
		1	8.90			1.35		12.02		
		1	8.40			1.35		11.34		
		1	9.00			1.35		12.15		
		1	12.60			1.35		17.01		
	W/S	1	12.00			1.35		16.20		
		1	9.50			1.35		12.83		
		1	9.40			1.35		12.69		
		1	6.80			1.35		9.18		
	HMT Layout 6th Cross 7th Block									
	from N/S	1	8.50			1.35		11.48		
		1	11.90			1.35		16.07		
		1	12.10			1.35		16.34		
		1	8.90			1.35		12.02		
		1	10.60			1.35		14.31		
		1	10.20			1.35		13.77		
	S/S	1	11.00			1.35		14.85		
		1	12.00			1.35		16.20		
		1	6.50			1.35		8.78		
								623.30		
	Total							621.00	742.00	460782.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of work	No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on : 26.08.2021									
4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification								Cum	
	Qty as per Premeasurement vide E-MB Page No. 06 to 07 is =							131.40	5421.00	712319.00
5	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications								Sqm	
	For Flagging Course									
	HMT Layout 2nd Block 4th Cross									
	from 9th Main	2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	8.20			0.40		13.12		
	Deduct Cross Road	2	6.00			0.40		-9.60		
	HMT Layout 2nd Block 3rd Cross									
	From 10th Main Road	2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	14.00			0.40		22.40		
	HMT Layout 2nd Block 10th Main									
	From Ward Office Road	2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		

643.92

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
		2x2	9.20			0.40		14.72		
	HMT Layout 2nd Block 8th Main									
	From Ward Office Road	2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	14.00			0.40		22.40		
	HMT Layout 7th Block 6th Cross									
	From	2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	15.00			0.40		24.00		
		2x2	9.00			0.40		14.40		
	Deduct Cross Road	4	6.00			0.40		9.60		
								1239.04		
								1168.00	979.00	1143472.00

Assistant Executive Engin
Vidyaranyapura Sub Divi
BBMP, Ban

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of work	No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :	28.06.2021								
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.								Cum	
	For Flagging Course Coping									
	HMT Layout 2nd Block 4th Cross									
	from 9th Main	2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	8.20			0.20	0.10	0.66		
	Deduct Cross Road	2	6.00			0.20	0.10	0.24		
	HMT Layout 2nd Block 3rd Cross									
	From 10th Main Road	2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	14.00			0.20	0.10	1.12		
	HMT Layout 2nd Block 10th Main									
	From Ward Office Road	2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	9.20			0.20	0.10	0.74		
	HMT Layout 2nd Block 8th Main									
	From Ward Office Road	2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		

38.75

Assistant Executive Engine
Vidyaranyapura Sub Divisi
BBMP, Bangalore-97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	14.00			0.20	0.10	1.12		
	HMT Layout 7th Block 6th Cross									
	From	2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	15.00			0.20	0.10	1.20		
		2x2	9.00			0.20	0.10	0.72		
	Deduct Cross Road	4	6.00			0.20	0.10	-0.48		
								61.71		
								58.40	5599.00	326982.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :									
7	**Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead								Cum	
	Qty as per Premeasurement vide E-MB Page No. 08 to 09 is =							**189.56**	**56.00**	**10615.00**
8	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications								Cum	
	Qty as per Premeasurement vide E-MB Page No. 10 to 11 is =							**263.12**	**2001.00**	**526503.00**
9	Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of								Sqm	
	Qty as per Premeasurement vide E-MB Page No. 12 to 14 is =							**1052.50**	**29.00**	**30523.00**
10	Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								Cum	
	Qty as per Premeasurement vide E-MB Page No. 15 to 16 is =							**52.62**	**7500.00**	**394650.00**
11	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.								Sqm	
	Qty as per Premeasurement vide E-MB Page No. 17 to 18 is =							**4210.00**	**5.00**	**21050.00**
12	Providing and **applying tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per								Sqm	
			Qty Vide Item no. 11					4210.00		
	Total							**4210.00**	**20.50**	**86305.00**

Assistant Executive Engineer
Vidyaranyapura Sub Division
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Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on : 29-11-2021									
13	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive).								Cum	
	HMT Layout 2nd Block 2nd Cross									
	From 9th Main Road	1	2.00	6.20	4.60	5.40	0.04	0.43		
		1	15.00	4.60	4.60	4.60	0.04	2.76		
		1	15.00	4.60	4.50	4.55	0.04	2.73		
		1	15.00	4.50	4.60	4.55	0.04	2.73		
		1	15.00	4.60	3.60	4.10	0.04	2.46		
		1	15.00	3.60	3.70	3.65	0.04	2.19		
		1	15.00	3.70	3.40	3.55	0.04	2.13		
		1	15.00	3.40	3.80	3.60	0.04	2.16		
		1	15.00	3.80	3.70	3.75	0.04	2.25		
		1	15.00	3.70	3.80	3.75	0.04	2.25		
		1	15.00	3.80	4.20	4.00	0.04	2.40		
		1	15.00	4.20	4.10	4.15	0.04	2.49		
		1	15.00	4.10	4.10	4.10	0.04	2.46		
		1	6.20	4.10	4.80	4.45	0.04	1.10		
	HMT Layout 2nd Block 3rd Cross									
	From 11th Main Road	1	2.00	5.30	4.40	4.85	0.04	0.39		
		1	15.00	4.40	4.40	4.40	0.04	2.64		
		1	15.00	4.40	4.10	4.25	0.04	2.55		
		1	15.00	4.10	4.70	4.40	0.04	2.64		
		1	15.00	4.70	3.80	4.25	0.04	2.55		
		1	15.00	3.80	4.20	4.00	0.04	2.40		
		1	15.00	4.20	4.50	4.35	0.04	2.61		
		1	15.00	4.50	4.10	4.30	0.04	2.58		
		1	15.00	4.10	4.20	4.15	0.04	2.49		
		1	15.00	4.20	4.30	4.25	0.04	2.55		
		1	12.00	4.30	5.80	5.05	0.04	2.42		
	HMT Layout 2nd Block 10th Main									
	From Ward Office Road	1	15.00	5.10	4.50	4.80	0.04	2.88		
		1	15.00	4.50	3.90	4.20	0.04	2.52		
		1	15.00	3.90	4.50	4.20	0.04	2.52		
		1	15.00	4.50	4.40	4.45	0.04	2.67		
		1	15.00	4.40	4.70	4.55	0.04	2.73		
		1	7.20	4.70	5.20	4.95	0.04	1.43		
		1	2.00	5.20	8.80	7.00	0.04	0.56		
	HMT Layout 2nd Block 8th Main									
	From Ward Office Road	1	15.00	4.00	4.20	4.10	0.04	2.46		

C&FC 29/12

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

14.13

Sl No	Description of work	No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
		1	15.00	4.20	4.50	4.35	0.04	2.61	74.13	
		1	15.00	4.50	4.80	4.65	0.04	2.79		
		1	15.00	4.80	4.00	4.40	0.04	2.64		
		1	15.00	4.00	4.00	4.00	0.04	2.40		
		1	15.00	4.00	3.90	3.95	0.04	2.37		
		1	15.00	3.90	3.70	3.80	0.04	2.28		
		1	15.00	3.70	4.00	3.85	0.04	2.31		
		1	15.00	4.00	3.90	3.95	0.04	2.37		
		1	15.00	3.90	4.00	3.95	0.04	2.37		
		1	12.00	4.00	4.50	4.25	0.04	2.04		
		1	2.00	4.50	6.10	5.30	0.04	0.42		
	HMT Layout 7th Block 6th Cross									
	From 2nd A Cross 6th Block	1	15.00	6.00	5.80	5.90	0.04	3.54		
		1	15.00	5.80	5.40	5.60	0.04	3.36		
		1	15.00	5.40	5.50	5.45	0.04	3.27		
		1	15.00	5.50	5.20	5.35	0.04	3.21		
		1	15.00	5.20	5.70	5.45	0.04	3.27		
		1	15.00	5.70	5.30	5.50	0.04	3.30		
		1	15.00	5.30	5.80	5.55	0.04	3.33		
		1	15.00	5.80	5.80	5.80	0.04	3.48		
		1	15.00	5.80	5.30	5.55	0.04	3.33		
		1	15.00	5.30	6.30	5.80	0.04	3.48		
		1	15.00	6.30	6.30	6.30	0.04	3.78		
		1	15.00	6.30	6.80	6.55	0.04	3.93		
		1	9.20	6.80	8.10	7.45	0.04	2.74		
	Patch Work Pot Hole	1	15.00			5.80	0.04	3.48		
		1	12.80			6.00	0.04	3.07		
		1	5.80			2.80	0.04	0.65		
		1	12.00			3.80	0.04	1.82		
		1	5.50			2.80	0.04	0.62		
		1	12.30			5.60	0.04	2.76		
		1	9.80			3.80	0.04	1.49		
		1	12.50			4.60	0.04	2.30		
		1	10.60			6.50	0.04	2.76		
		1	12.50			5.50	0.04	2.75		
		1	10.00			3.50	0.04	1.40		
		1	12.00			5.50	0.04	2.64		
	Deductions for Chambers	4	0.60			0.60	0.04	-0.06		
								168.43		
	Total							**168.40**	**8900.00**	**1498760.00**

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of work	No.	Mesurement L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :	30-01-22								
14	**Road Marking with Hot Applied Thermoplastic Compound** with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.								Sqm	
	HMT Layout 2nd Block 2nd Cross									
	From 9th Main Road	2	2.00			0.10		0.40		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	6.20			0.10		1.24		
	HMT Layout 2nd Block 3rd Cross									
	From 11th Main Road	2	2.00			0.10		0.40		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	12.00			0.10		2.40		
	HMT Layout 2nd Block 10th Main									
	From Ward Office Road	2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	7.20			0.10		1.44		
		2	2.00			0.10		0.40		
	HMT Layout 2nd Block 8th Main									
	From Ward Office Road	2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		

111.28

Assistant Executive Engineer
Vijayanarayana Sub Division, BBMP, Bangalore-97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
		2	15.00			0.10		3.00	111.28	
		2	12.00			0.10		2.40		
	HMT Layout 7th Block 6th Cross	2	2.00			0.10		0.40		
	From 2nd A Cross 6th Block									
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	9.20			0.10		1.84		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
		2	15.00			0.10		3.00		
	Total							184.92		
								184.00	454.00	83536.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on : 01.02.22									
15	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work, curing, including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete. (Data Rate)								Sqm	
	HMT Layout 2nd Block 4th Cross									
	from 9th Main N/S	1	8.50			0.75		6.38		
		1	0.60			0.75		0.45		
		1	1.20			0.75		0.90		
		1	1.20			0.75		0.90		
		1	9.80			0.75		7.35		
		1	0.60			0.75		0.45		
		1	12.30			0.75		9.23		
	S/S									
		1	1.20			0.75		0.90		
		1	5.50			0.75		4.13		
		1	6.10			0.75		4.58		
		1	4.00			0.75		3.00		
		1	1.80			0.75		1.35		
		1	5.10			0.75		3.83		
		1	15.00			0.75		11.25		
		1	15.00			0.75		11.25		
		1	2.90			0.75		2.18		
	HMT Layout 2nd Block 4th Cross									
	from 11th Main N/S	1	1.20			0.75		0.90		
		1	0.60			0.75		0.45		
		1	2.10			0.75		1.58		
		1	4.70			0.75		3.53		
		1	15.00			0.75		11.25		
	S/S									
		1	3.00			0.75		2.25		
		1	0.60			0.75		0.45		
		1	12.20			0.75		9.15		
		1	12.20			0.75		9.15		
		1	8.60			0.75		6.45		
		1	6.10			0.75		4.58		
		1	9.00			0.75		6.75		
		1	11.60			0.75		8.70		
	HMT Layout 2nd Block 10th Main									
	from Ward Office Road E/S	1	15.00			0.75		11.25		
		1	15.00			0.75		11.25		
		1	10.00			0.75		7.50		
	HMT Layout 2nd Block 8th Main									
	from Ward Office Road E/S	1	8.10			0.75		6.08		
		1	9.00			0.75		6.75		

176.10

Assistant Executive Engineer
Vidyaranyapura Sub Div.
BBMP, Bangalore - 97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
		1	2.90			0.75		2.18	176.10	
		1	4.30			0.75		3.23		
		1	6.50			0.75		4.88		
		1	15.00			0.75		11.25		
		1	15.00			0.75		11.25		
	W/S									
		1	9.20			0.75		6.90		
		1	12.00			0.75		9.00		
		1	7.00			0.75		5.25		
		1	7.10			0.75		5.33		
		1	5.80			0.75		4.35		
		1	15.00			0.75		11.25		
	HMT Layout 7th Block 6th Cross									
	From 2nd A Cross 6th Block BEL N/S	1	15.00			0.90		13.50		
		1	2.70			0.90		2.43		
		1	15.00			0.90		13.50		
		1	4.00			0.90		3.60		
		1	8.80			0.90		7.92		
		1	8.80			0.90		7.92		
		1	3.60			0.90		3.24		
		1	0.60			0.90		0.54		
		1	3.50			0.90		3.15		
		1	5.40			0.90		4.86		
		1	15.00			0.90		13.50		
		1	2.20			0.90		1.98		
	S/S									
		1	15.00			0.90		13.50		
		1	15.00			0.90		13.50		
		1	15.00			0.90		13.50		
		1	10.30			0.90		9.27		
		1	15.00			0.90		13.50		
		1	1.70			0.90		1.53		
		1	13.60			0.90		12.24		
		1	1.20			0.90		1.08		
	5th B Cross E/S									
		1	12.60			0.75		9.45		
		1	4.10			0.75		3.08		
		1	13.30			0.75		9.98		
		1	0.60			0.75		0.45		
	S/S									
		1	3.80			0.75		2.85		
		1	2.20			0.75		1.65		
		1	4.00			0.75		3.00		

435.66

Assistant Executive Engineer
Vijayanagar Sub Division
BBMP, Bangalore - 97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	From 11th Cross N/S	1	5.50			0.75		4.13	435.66	
		1	4.20			0.75		3.15		
	infront of Temple									
		1	15.00			1.50		22.50		
		1	15.00			1.50		22.50		
		1	10.00			1.60		16.00		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	11.50			0.75		17.25		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	15.00			0.75		22.50		
		2	11.50			0.75		17.25		
	Total							**718.44**		
								718.20	2337.00	1678433.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of work	No.	Mesurement L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :	2-2-22								
16	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete								Nos	
	HMT Layout 2nd Block 4th Cross									
	from 9th Main N/S	1	15.00					15.00		
		1	15.00					15.00		
		1	15.00					15.00		
		1	15.00					15.00		
		1	15.00					15.00		
		1	15.00					15.00		
		1	10.00					10.00		
								100.00		
	Kerb Slab 0.45 Length							222.22	450.00	100000.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Sl No	Description of work	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on : 2-2-22									
17	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								Sqm	
	HMT Layout 2nd Block 4th Cross									
	from 9th Main N/S	1	15.00			0.35		5.25		
		1	15.00			0.35		5.25		
		1	15.00			0.35		5.25		
		1	15.00			0.35		5.25		
		1	15.00			0.35		5.25		
		1	15.00			0.35		5.25		
		1	10.00			0.35		3.50		
								35.00		
								35.00	84.00	2940.00
									Sub Total	7429350.00
									GST @ 12%	891522.00
									Grand Total	8320872.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidayranyapura Sub Division